

Notice of Allowability	Application No.	Applicant(s)	
	10/705,739	RAO ET AL.	
	Examiner	Art Unit	
	Allyson N. Trail	2876	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 1/17/2007.
2. ☒ The allowed claim(s) is/are 1-47.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Amendment

1. Receipt is acknowledged of the Amendment filed January 16, 2007.

Remarks

2. Claims 1-47 are currently pending. Independent claims 1, 2, 3, 4, and 12 have been amended and claims 29-47 have been added. In the previous Office action, claims 1, 2, and 12-28 were objected to but were indicated to be allowable if the objection were overcome. Claims 5-11 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form, including all of the limitations of the base claim and any intervening claims. The indicated allowable subject matter has been added to independent claims 3 and 4. Claims 29-47 also include allowable subject matter.

Allowable Subject Matter

3. Claims 1-47 are allowable over prior art.
The following is an examiner's for allowance: Although prior art has teachings of a secure system for electronic voting, which includes an intelligent voting machine configured for communication, computation, command, and control of information, one or more trusted servers, and a means for secured wireless communication between the voting machine and the servers, the above identified prior art of record, taken alone, or in combination with any other prior art, fails to teach or fairly suggest the specific features of claims 1-47 of the present claimed invention. Specifically prior art fails to teach a means for locating the intelligent voting machines in the polling booths, at the

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polling stations, and at selected locations, a means for communication between the local server and other servers located remotely from the polling booths, a means for defining an authorized set of voter authentication protocols, means for secure real time authentication of a voter in conjunction with the authentication data related to the voter maintained on an independent and trusted escrow server including authentication while assuring anonymity of the voter, means for providing authenticated and consistent information related to the election issues and candidates from an approved source such as a trusted server in one or more selected formats including audio and video data, means for informed selection and casting of the votes by the voter in conjunction with a user selected input method defined input method and a user selected output method defined output method including a combination thereof, and a means for safe guarding, certifying, and providing the election results at a selected time and in a selected manner in conjunction with one or more trusted escrow servers. Prior art additionally fails to teach the secure system for mobile electronic voting including a means for a unique electronic key to be assigned by the trusted election server to the mobile machine, a means for the electronic key to be activated at the precise local date and time of the precinct zone at the start of the absentee voting period, means for the electronic key to be deactivated at the precise date and local time of the precinct zone at the conclusion of the absentee voting period, means for the activation of the electronic voting key at the precise time and date of the precinct zone when the polls officially open, means for the expiration of the electronic key at the precise date and local time of the precinct zone when the polls close, and a means for enabling/disabling the mobile electronic voting

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privileges to ensure that a specifically authorized voter casts votes in accordance with the election laws of the selected region using an authorized mobile device. Prior art fails to teach a secure and comprehensive stationary and mobile electronic voting system, which includes a separate and distinct sub system consisting of intelligent voting machines located at the polling stations, a separate and distinct sub system consisting of mobile voting machines for voting from any location, means for an authorized election body to use/deploy the two separate and distinct sub systems, means for maintaining the confidentiality of the ballot cast by a specific voter using one or more methods, including dynamically decoupling voter ID, biometric information and its relationship to the ballot cast by that specific voter upon initiation of the selections process and cast ballot function. Lastly, prior art fails to teach a method including establishing a secure communication link between a mobile device and a remote dynamically configuring the mobile device as a voting terminal; authenticating in real-time a voter, the authentication using an authentication protocol of the remote server and information of a voter received via the mobile device; presenting current issue information to the voter using the mobile device, the current issue information including one or more of audio, video, and text information of a plurality of issues for which the voter can cast votes; assigning an electronic key to the mobile device of the voter; activating the electronic key at a date and during a time period of an election, wherein the date and the time period are controlled by a location of one or more of an entity and a jurisdiction hosting the vote; controlling voting privileges of the voter at rite mobile device during voting according to rules of one or more of the entity and the jurisdiction;

receiving via the mobile device at least one vote cast by the voter under the voting privileges; and recording the at least one vote in real-time at one or more of the mobile device and the remote server. The above limitations are not disclosed in prior art and moreover, one of ordinary skill in the art would not have been motivated to come to the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Allyson N. Trail whose telephone number is (571) 272-2406. The examiner can normally be reached between the hours of 7:30AM to 4:00PM Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (571) 272-2398. The fax phone number for this Group is (703) 872-9306.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to **[allyson.trail@uspto.gov]**.

All Internet e-mail communications will be made of record in the application file.
PTO employees do not engage in Internet communications where there exists a

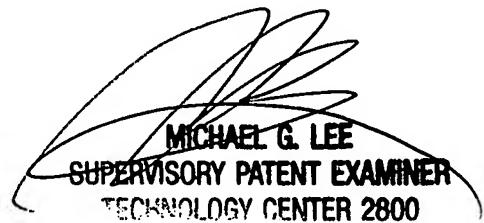
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possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG

89.

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Allyson N. Trail
Patent Examiner
Art Unit 2876
April 10, 2007


MICHAEL G. LEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800